## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joonho Kim

Filed: Herewith

Docket: 2003P53927US/I331.118.101

Title: RANDOM ACCESS MEMORY USING PRECHARGE TIMERS IN TEST MODE

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of M.P.E.P. 609, Applicant further requests a copy of the 1449 form, marked as being considered and initialled by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is being submitted within three months of filing national application; or date of entry of national application; or before the mailing date of the first Office Action on the merits, a fee has not been enclosed. However, if such fee is required, the Patent Office is hereby authorized to charge Deposit Account No. 500471 for fees as set forth under 37 C.F.R. 1.17(p).

Inf rmati n Disclosure Statement

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Applicant respectfully requests consideration of these references during prosecution of the above-identified matter. The Examiner is invited to contact the Applicant's representative at the below-listed telephone number if there are any questions regarding this Communication or the tendered references.

Respectfully submitted,

Joonho Kim

By his attorneys,

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Dated: December 16, 2003 SED:kle

Steven E. Dicke

Reg. No. 38,431

CERTIFICATE UNDER 37 C.F.R. 1.10;

"Express Mail" mailing label number: EV 409551721 US

Date of Deposit: December 16, 2003

The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

| LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT |                      |                 |                      |                   | Docket No.:<br>2003P53927US/I331.118.101                |                                                      |                       |               |
|-----------------------------------------------------------------------------------|----------------------|-----------------|----------------------|-------------------|---------------------------------------------------------|------------------------------------------------------|-----------------------|---------------|
|                                                                                   |                      |                 |                      |                   | Applicant: Joonho Kim  Filing Date: Herewith Group Art: |                                                      |                       |               |
|                                                                                   |                      |                 |                      |                   |                                                         |                                                      |                       |               |
|                                                                                   |                      |                 |                      |                   |                                                         |                                                      |                       | U.S. PATENT D |
| iner                                                                              | Document No.         |                 |                      |                   |                                                         | Sub Class                                            | Filing Date           |               |
| al                                                                                |                      | Date            | Nam                  | :                 | Class                                                   |                                                      | If Appropriate        |               |
| AA                                                                                | 6,512,711            | 01/28/2003      | Wright et al.        |                   |                                                         |                                                      |                       |               |
| AB                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AC                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AD                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AE                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AF                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AG                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AH                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AI                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
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| AK                                                                                |                      |                 |                      |                   | -                                                       | <del>- 11 12 12 11 11 11 11 11 11 11 11 11 11 </del> |                       |               |
| AL                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
|                                                                                   |                      |                 | FOREIGN PATENT       | DOCUMENTS         |                                                         |                                                      | <u></u>               |               |
|                                                                                   |                      |                 |                      |                   | <u> </u>                                                |                                                      |                       |               |
|                                                                                   | Document 1           | No.             | Date                 | Country           | Class                                                   | Sub<br>Class                                         | Translated Yes No Yes |               |
| AM                                                                                |                      |                 |                      | <b>-</b>          |                                                         |                                                      |                       |               |
| AN                                                                                |                      |                 |                      |                   |                                                         |                                                      | Yes                   |               |
| AO                                                                                |                      |                 |                      |                   |                                                         |                                                      | Yes                   |               |
|                                                                                   |                      | OTHER ART (     | (Including Author, T | tle, Date, Pertin | ent Pages, Etc                                          | c.)                                                  | _1                    |               |
| AP                                                                                |                      |                 |                      | <del>-</del>      |                                                         |                                                      |                       |               |
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| AQ                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AR                                                                                |                      |                 |                      |                   |                                                         |                                                      |                       |               |
| AR<br>VER:                                                                        | Fixed 16 station com | sidered whether |                      | DATE CONS         |                                                         |                                                      | SIDERED:              |               |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.